

SEQUENCING SYSTEM AND METHOD OF USE

ABSTRACT OF THE DISCLOSURE

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A system and method that sequences product to increase machine throughput and capacity. The system includes a plurality of input feeding devices each randomly receiving product received from a stream of product and a plurality of output groups each having output bins. A control has a mode which constrains the input feeding devices to (i) feeding non-rejected product from the stream of product to assigned output groups of the plurality of output groups associated with a corresponding one of the plurality of input feeding devices based on a code associated with each of the product, and (ii) feeding rejected product to at least one output bin in a single group of the plurality of output groups such that each of the plurality of input feeders has access to the at least one output bin. The method includes feeding the non-rejected and rejected product to appropriate output bins such that the rejected product is provided to an output bin which is accessible by any of the input feeding devices.

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